



WEBCOR *Imperial*

HIGH FIDELITY TAPE RECORDER
OCEAN BLUE AND GREY—MODEL BP2816

HIGH FIDELITY TAPE RECORDER RADIO
OCEAN BLUE AND GREY—MODEL BP2896



MODEL
2816 & 2896

WEBCOR

COMPLETELY NEW

Imperial

HIGH FIDELITY
TAPE RECORDER AND
TAPE RECORDER-RADIO
COMBINATION

The new Webcor Imperial Tape-Recorder-Radio combination is a singular advance in the field of tape recorders made possible by Webcor's long years of leadership and research in the magnetic recording field. Now with the Imperial it is possible to have most of the features of a large professional type recorder incorporated into a light weight portable unit. Such features as a detachable sound system, twin recording heads, Monitor Control and Veeder Root type tape counter make the Webcor Imperial outstanding in its field and guarantees years of faithful flawless service.

Amplifier: Power tested for 8 watts output with push-pull 12AB5 output circuit. Has multiple negative feedback circuits to insure negligible distortion.

Controls: Record, playback, fast forward and rewind motor positions are governed by one Master Control. On-Off and volume control are combined into a single knob control calibrated for easy volume reference. The Monitor On-Off and Treble-Bass tone compensator is governed by one knob for easier tone adjustments.

Speaker System: Powerful full range Reproducer in detachable enclosure allows placement of speaker around room or hall for maximum acoustical benefits. Incorporates new miniature twin folded horn type enclosure that delivers maximum fidelity and full rich tones throughout the room with minimum distortion and frequency "dead-spots."

Speeds, Reel Sizes: Plays 3, 5, or 7 inch reels at either 3¾ or 7½ inches per second. Tape direction can be reversed without bothersome reel turn-over. Speed control is easily changed to either setting with a small coin. Plays up to 3 hours.

Microphone: A compact wide-range hand held—professional type microphone with sensitive ceramic element. Picks up all audible sounds for true fidelity recording.

Two Motors: Two Webcor precision-built 4-pole induction type motors, electrically balanced, deliver steady power and constant speed at either speed setting. Such precision produces evenly balanced sound with wow and flutter of less than .4%.

Two Recording Heads: Two Webcor built and designed recording heads make possible three continuous hours of operation with no "reel turn-over" on a 7" reel of tape.

Automatic Stops: New, improved automatic stops shut off both amplifier and motor at either end of tape at any speed including rewind and fast forward.

Counter: The Imperial has an easily read Veeder Root Type tape counter to readily locate any section of tape.

Recording Level Indicator: Cathode-Ray Tube indicates proper recording level. Assures proper volume for either voice or music recordings.

Connection Jacks: The Imperial has three standard jacks for all-around versatility in recording and playback:

1. External Amplifier Output Jack permits connections from recorder to outside unit (amplifier).
2. Speaker Jack for connecting recorder to speaker enclosure.
3. Input Jack permits connection to the recorder from an outside unit (microphone, FM radio tuner, TV sound, etc.).

Monitor Control: Permits hearing of recordings as they are being made. This position is operative with or without tape in motion. Allows use of recorder as PA system.

AM Transistor Radio Tuner: The Imperial (Model 2896) has a supersensitive transistor AM radio tuner with printed superheterodyne circuit.

Attractive, easy view slide rule dial. Civilian defense frequencies are accurately calibrated. Recording level indicator also serves as volume indicator for radio. Radio may be used independently of tape recorder and radio programs may be recorded with or without speaker sound.

Storage Compartment: Built-in compartment for tape storage, microphone, extension cords, etc.

Specifications Summary:

Frequency Response: 50 to 10,000 at 3¾ ips;
50 to 15,000 at 7½ ips.

Power Output: 8 watts.

Wow and Flutter: Less than .4%.

Signal to Noise Ratio: 45 DB.

Sound System: Full-range, detachable twin folded horn lid enclosure.

No Reel Turnover: Records and plays back for three hours without reel turnover.

Microphone: Ceramic element—impervious to heat and moisture.

Tubes: 6 tubes (including rectifier).

Power Requirement: 110 v, 60 cycle AC, 120 watts.

Special Features: Detachable lid enclosure; records and plays back in both directions without reel turnover. New automatic shut-off; new high fidelity recording heads; Built-in transistor radio tuner—no batteries; Printed superheterodyne circuit. Sensitive, Selective; Attractive slide rule dial. Planetary tuning drive for easy, smooth selection; Civilian Defense frequencies accurately calibrated; Recording level indicator serves as volume indicator; Radio reception independent of recorder, if desired; Radio program recording with or without speaker sound.

Colors: Ocean Blue and Grey—Tape Recorder Model BP-2816—Tape Recorder Radio BP-2896.

Dimensions: 11½" high, 16¾" wide, 19¾" deep.

Shipping Weight: 50 lbs.

Underwriters' Laboratories Approved